

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/000144

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2002/168945 A1 (KWON HYUCK CHAN ET AL) 14 November 2002 (2002-11-14)</p> <p>page 2, left-hand column, paragraph 24 page 3, right-hand column, paragraph 40; compound 6 page 4, paragraph 45 - paragraph 47 page 5, right-hand column, paragraph 73 - page 6, left-hand column, paragraph 75 page 6, right-hand column, paragraph 82</p> <p style="text-align: center;">-/-</p>	<p>1,5,6,9, 10,12, 13, 15-17, 23-27</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the International search

14 March 2005

Date of mailing of the international search report

23/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/191544 A1 (HSU LIANGCHI ALAN ET AL) 19 December 2002 (2002-12-19) page 1, right-hand column, paragraph 13 page 2, left-hand column, paragraphs 15,16 page 2, right-hand column, paragraph 20 page 3, left-hand column, paragraph 31 page 3, right-hand column, paragraph 35 page 4, paragraph 37 - paragraph 39 page 4, right-hand column, paragraph 42 - page 5, left-hand column, paragraph 43 page 5, left-hand column, paragraph 45 - right-hand column, paragraph 51 page 6, left-hand column, paragraph 52 page 6, right-hand column, paragraphs 56,58; compound 2	1,12,23, 25,27
A	US 2002/053058 A1 (KYUNG CHAN HO ET AL) 2 May 2002 (2002-05-02) page 1, right-hand column, paragraphs 11,14,15 page 2, left-hand column, paragraph 23 - right-hand column, paragraph 25; figure 2	1,12,23, 25,27

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Information on patent family members

International Application No

PCT/EP2005/000144

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002168945 A1	14-11-2002	KR 2002087524 A KR 2002088801 A EP 1271834 A1	23-11-2002 29-11-2002 02-01-2003
US 2002191544 A1	19-12-2002	WO 02087131 A2 JP 2004530364 T	31-10-2002 30-09-2004
US 2002053058 A1	02-05-2002	KR 2002034226 A CN 1351438 A	09-05-2002 29-05-2002